

Mosher

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1643

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/879,827

DATE: 06/10/98
TIME: 12:47:50

INPUT SET: S26584.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

#

7

60

8-24-98

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Jofuku, K. Diane
6 Okamuro, Jack K.
7
8 (ii) TITLE OF INVENTION: Methods for Improving Seeds
9
10 (iii) NUMBER OF SEQUENCES: 99
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Townsend and Townsend and Crew LLP
14 (B) STREET: Two Embarcadero Center, Eighth Floor
15 (C) CITY: San Francisco
16 (D) STATE: California
17 (E) COUNTRY: USA
18 (F) ZIP: 94111-3834
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER: US 08/879,827
28 (B) FILING DATE: 20-JUN-1997
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: US 08/700,152
33 (B) FILING DATE: 20-AUG-1996
34
35 (viii) ATTORNEY/AGENT INFORMATION:
36 (A) NAME: Bastian, Kevin L.
37 (B) REGISTRATION NUMBER: 34,774
38 (C) REFERENCE/DOCKET NUMBER: 023070-067210US
39
40 (ix) TELECOMMUNICATION INFORMATION:
41 (A) TELEPHONE: (415) 576-0200
42 (B) TELEFAX: (415) 576-0300
43
44
45 (2) INFORMATION FOR SEQ ID NO:1:
46

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/879,827DATE: 06/10/98
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47 (i) SEQUENCE CHARACTERISTICS:
48 (A) LENGTH: 1669 base pairs
49 (B) TYPE: nucleic acid
50 (C) STRANDEDNESS: single
51 (D) TOPOLOGY: linear
52
53 (ii) MOLECULE TYPE: DNA (genomic)
54
55
56 (ix) FEATURE:
57 (A) NAME/KEY: -
58 (B) LOCATION: 1..1669
59 (D) OTHER INFORMATION: /note= "canola APETALA2 (AP2) domain
60 containing (ADC) gene"
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62 (ix) FEATURE:
63 (A) NAME/KEY: misc_feature
64 (B) LOCATION: 1..592
65 (D) OTHER INFORMATION: /note= "gene sequences 5' to start site"
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68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
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76 TTTCTCATCC CATAATAGTT TTCCAGTAAA ACTGTGAACC TTGTGAATTT AATTTCCTT 240
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84 AGCACATATA TATTNCCTAA TGTGATTTTC ATTTTCATATG GATATTTATT TATATATGAC 480
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(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 803 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(ix) FEATURE:

(A) NAME/KEY: -

(B) LOCATION: 1..803

(D) OTHER INFORMATION: /note= "soybean APETALA2 (AP2) gene"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

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RAW SEQUENCE LISTING
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160 AAGAAAATTG TGTATTTTCC GTCTCTCTTT TCAGTGCTTA TGATAGAGCG GCTATTAAAT 480
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162 TCCGAGGAGT GGAGGCTGAC ATTAACCTCA ATATTGGAGA CTATGAAGAT GACTTGAAGC 540
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164 AGGTGATCAA TTTGTGGATT ATGTTTTTTT TATTCGATAT AAATGCATTT ATCGTATTTA 600
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166 TCTTATCTTG AACAGTCATA CGTATAGGAT GCACCTTATC TCCTACAGTT AGTGTTTTTT 660
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168 TTTATCTTGA ATTATTCTCA TGATTTTGTT AAATGCAATG TTAATAGATG AGCAATCTTA 720
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170 CCAAGGAAGA GTTCGTCCAC GTGCTTCGCC GCCAAAGCAC TGGATTTCCG AGAGGAAGCT 780
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175 (2) INFORMATION FOR SEQ ID NO:3:
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177 (i) SEQUENCE CHARACTERISTICS:
178 (A) LENGTH: 11721 base pairs
179 (B) TYPE: nucleic acid
180 (C) STRANDEDNESS: single
181 (D) TOPOLOGY: linear
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183 (ii) MOLECULE TYPE: DNA (genomic)
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186 (ix) FEATURE:
187 (A) NAME/KEY: -
188 (B) LOCATION: 1..11721
189 (D) OTHER INFORMATION: /note= "Arabidopsis APETALA2 (AP2)
190 genomic sequence"
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193 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
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205 CCCATCTACT TTGAATTTGC CCGATCATGA AAACACCTAT TTATTGTACA TAAATATACA 360

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PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/879,827

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Original Text